



Flowserve is a leading manufacturer and a global provider of flow control products and services, including pumps, valves, seals, automation and aftermarket services supporting global infrastructure industries. The company serves a wide range of industries, such as oil and gas, chemical, power generation, and water management, offering innovative solutions designed to enhance operational efficiency and reliability. With a strong commitment to engineering excellence and sustainability, Flowserve leverages advanced technologies and a global network to deliver high-quality, custom-engineered solutions that meet the diverse industrial and chemical pump requirements.

DURCO MARK



Chemical process pumps for corrosive applications in chemical, petrochemical, hydrocarbon and pharmaceuticals processing providing unmatched efficiency reliability, outstanding hydraulic performance and increased pump availability. Salient features,

- Extended mechanical seal and bearing life through robust shaft and bearing designs that also minimize shaft deflection
- Increased reliability and mechanical seal life due to the ideal seal environment created by the SealSentry™ seal chamber
- Simplified maintenance with two-piece power end featuring self-contained bearing housing and external impeller adjustment mechanism
- Optimal, predictable seal chamber pressure that is established after every impeller setting

SPECIFICATIONS

Flow up to: 4540 m³/hr
Pressure up to: 25 bar

Head up to: 220 m
Temperature: -73°C to 400°C

INNOMAG



Compliant thrust-balanced, fluoropolymer-lined, magnetic drive pumps for chemical processing, metals and other industries seeking outstanding leak protection and reliability. Salient features,

- Efficient performance achieved by means of a dynamic thrust balancing system that eliminates the need for thrust bearings
- Application versatility due to ability to handle solids to 30% by volume
- Expedited, lower-cost maintenance due to standard and contained back pullout, allowing the casing to stay in-line and piping connections to remain intact
- Longer service life resulting from EFTE or silicon carbide back wear rings that restrict solids larger than 0.127 mm from entering the containment shell and double sealed inner magnetic assembly to protect against corrosive permeation
- Regulatory compliance resulting from outstanding leak protection and the CE mark, making it compliant to ATEX directive

SPECIFICATIONS

Max. Flow: 360 m³/hr
Max. Pressure: 25 bar

Max. Head: 153 m
Temperature: -29°C to 121°C

SIHI



Modular process pumps with hydraulics, closed impellers, and magnetic couplings for bare shaft (CBM) or close coupled (CBE) configurations. Specially made meeting ISO 5199, ISO 15783 and ISO 2858 requirements. Engineered for applications in chemical, petrochemical and pharmaceuticals processing with flows beyond the range defined by ISO 2858 Salient features,

- Increased reliability enabled by constant cooling and lubrication flow, protected samarium cobalt magnets and containment shell
- Reduced spare parts costs derived from interchangeability of the back pullout assemblies
- Improved reliability and reduced installation cost thanks to low net positive suction head (NPSH) value
- Broad application diversity made possible by CBE heat barrier option for temperatures up to 400°C

SPECIFICATIONS

Max. Flow: 2200 m³/hr
Max. Pressure: 25 bar

Max. Head: 160 m
Temp: -20°C to 300°C

VACUUM



Vacuum pumps for handling and exhausting dry and humid gases, compression of condensable vapors and gases using the liquid ring principle to ensure maximum safety when compressing hazardous mixtures. Single and multistage designs available

- Reliable and low maintenance cost enhanced by the standard O-ring sealing and oil-free design with no lubrication in the chamber
- Longer service life due to minimized wear of non-contacting parts and incorporation of dirt and central drains
- Versatile and broad application including use as a compressor with little or no modification
- Flexibility in process applications and able to function at inlet pressures lower or higher than atmospheric pressure

SPECIFICATIONS

Max. Suction: 12 000 m³/hr

Suction Pressure: 0.33 to 10.13m